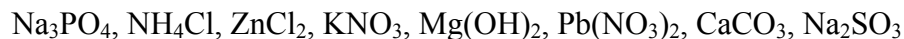
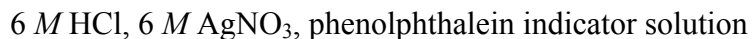


Lab Problem 3 Identification of Unknowns

You have been provided with eight vials, each of which is labeled with a number from 1 to 8. Each vial contains one of the following chemicals:



You are allowed to use distilled water, a 24-well plate, and only TWO additional reagents from the following choices:



You must designate your choices at the start of your testing.

In your lab notebook:

- Make sure you provide a detailed explanation of your procedure (a flowchart will suffice)
- Show all of the net ionic equations that take place in each test.
- State the identity of all eight compounds.